

67617
Impact Melt Breccia
14.3 grams



Figure 1: Photo of 67617. Scale in mm. S72-51243

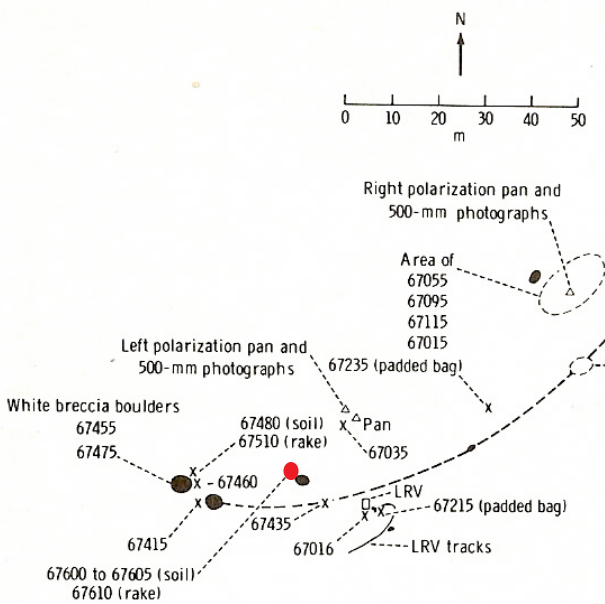


Figure 2: Map of south rim of NRC, A16.

Introduction

67617 is a moderately coherent impact melt breccia that was collected as a rake sample from the rim of North Ray Crater (NRC) – see section on 67601 (figures 1 and 2). It has zap pits on one surface.

Petrography

67617 has abundant plagioclase clasts held in a recrystallized, now-poikilitic matrix (Ryder and Norman 1980). Steele and Smith (1973) analyzed the pyroxene (figure 4) and the plagioclase An_{90-97} .

Chemistry

None reported

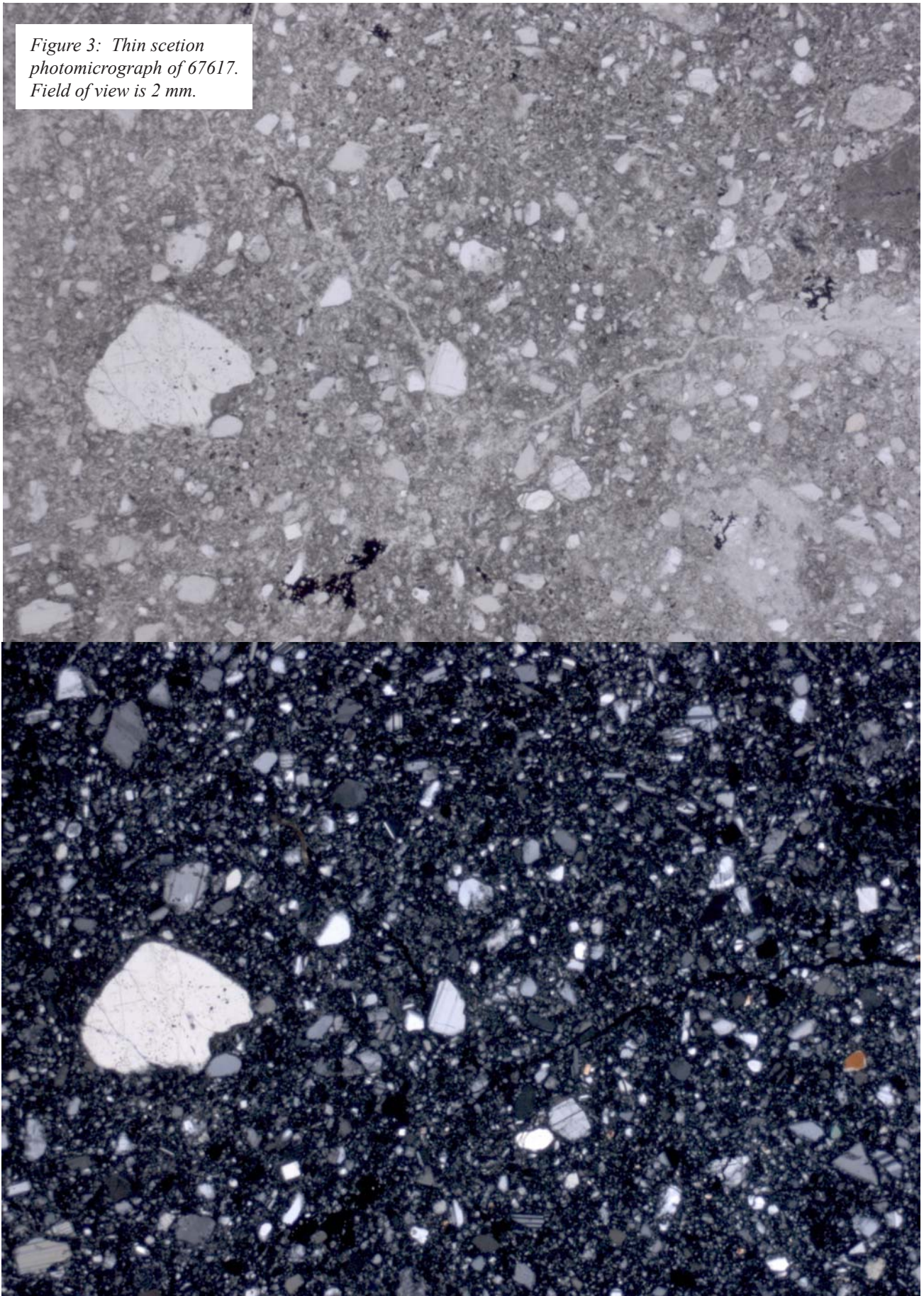
Radiogenic age dating

Nope

Processing

There are two thin sections.

Figure 3: Thin section photomicrograph of 67617. Field of view is 2 mm.



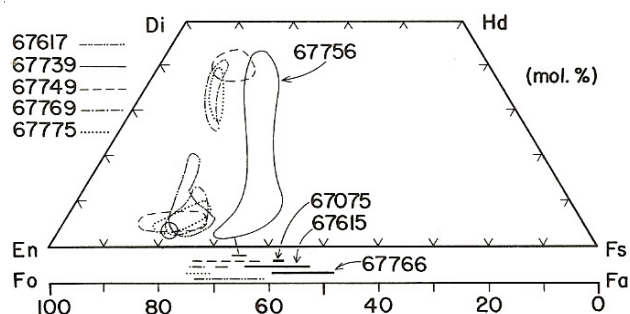
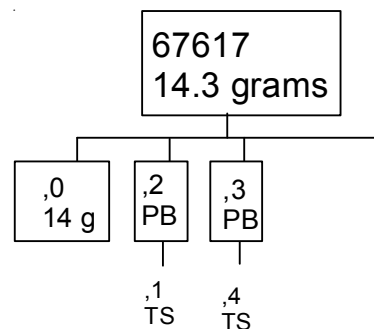


Figure 4: Pyroxene and olivine composition of 67617 and other Apollo 16 rake samples as per Steele and Smith (1973).



References for 67617

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